IN THE U.S. PATENT AND TRADEMARK OFFICE

PATENT 2815-127P

Applicants:

Thomas J. Jentsch

Application No. 09/492,361 Group: Unassigned

Filed:

January 27, 2000 Examiner: Unassigned

For:

NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE

POTASSIUM CHANNELS

### RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

May 15 2000

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed March 14, 2000, a copy-of which is attached hereto, a paper copy and a disk containing the computer readable form of the Substitute Sequence Listing were filed on March 3, 2000 in the U.S. Patent and Trademark Office. An additional paper copy is attached for the Examiner's convenience. The Substitute Sequence Listing filed on March 3, 2000 has fully met the requirements of 37 C.F.R. § 1.821-1.825.

Application No. 09/492,361

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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2815-127P

erald M. Murp

Reg. No. 28,97

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703-205-8000



# FORMALITIES LETTER



# UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address COMMISSIONER OF PATENT AND TRADEMARKS Washington, D.C. 20231

\*OC000000004991628\*

APPLICATION NUMBER FILING RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09 492,361

01 27 2000

2815-127P

BIRCH STEWART KOLASCH & BIRCH P O BOX 747 FALLS CHURCH, VA 220400747



Date Mailed: 03/14/2000

# NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

#### FILED UNDER 37 CFR 1.53(b)

#### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
   A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the
- above Application Number and Filing Date, is required.
  To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required under 37 CFR 1.821(e).
  - Applicant must provide:
    - A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-1123
- For CRF Submission Help, call (703) 308-4212
- Patentin Software Program Support
- - For Technical Assistance, call (703) 287-0200
- - To Purchase Patentin Software, call (703) 306-2600
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY APPLICANT COPY



PATENT 2815-127P

### IN THE U.S. FATENT AND TRADEMARK OFFICE

Applicant: Thomas J. JENTSCH

Appl. No.:

NEW

Group: Not Available

Filed:

January 27, 2000 Examiner: Not Available

For:

NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE POTASSIUM CHANNELS

## LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents Washington, DC 20231

March 3, 2000

Sir:

Transmitted herewith is a preliminary amendment in the aboveidentified application.

The enclosed document is being transmitted via the Certificat of Mailing provisions of 37 C.F.R. § 1.8.
of Mailing provisions of 37 c.i.k. 3 1.3.

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENOMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	56	-	56	=	ĺ.	\$18	\$0.00
INDEPENDENT	6	-	6		0	\$78	\$0.00
FIRST PRESENT	TATION OF A MU	LTIP	LE CLAIM	<u> </u>	<u> </u>	\$260	\$0.00
	<del>=</del>					TOTAL	\$0.00

2815-127P

	Petition for () mo 37 C.F.R. §§ 1.17 and 1 time.	onth(s) extension of time purs $.136(a)$ . $\$0.00$ for the extens	uant to sion of
$\searrow$	No fee is required.		
	A check in the amount of	\$0.00 is enclosed.	
	Please charge Deposit A \$0.00. This form is subm	occunt No. 02-2448 in the am nitted in triplicate.	ount of
over regu	urrent, and future repli	es, to charge payment or cre t No. 02-2448 for any addition 1.16 or under 37 C.F.R.	nal fees
		Respectfully submitted,	
		BIRCH, STEWART, KOLASCH & BIR	CH, LLI
	IM 90K KLE/CDK	By M. If N. C. 70, 633 Serald M. Murphy, Jr., #28 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-3000	,977
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